

# H56A

## Digital Cinema DDR DLP™ Projector

Optoma's home theater projectors represent quality engineering and a new life style. They are designed and fine-tuned specifically for use in your home theater. The projector is formatted for wide screen HDTV and reveals deep, rich colors, defining images in vivid details for the ultimate home theater experience. Projecting large images that liberate your senses, Optoma's Home Theater projector defy the conventional constraints of projection viewing, illuminating impressive blacks and color reproduction. Balancing sleek aesthetic form with home theater function, Optoma brings it home, a new life style.



## Advanced DDR DLP™ (Digital Light Processing) Technology

- ◆ Fully HDTV compatible with 480i/p, 720p, 1080i
- ◆ Excellent contrast ratio of 2000:1 gives you precise, vivid colors and unyielding blacks with exact color reproduction and immense depth of field.
- ◆ Optoma's adjustable color matrix regulates reds, greens and blues independent of one another.
- ◆ Near-silent 32 dB enables you to quietly watch your favorite movies without interfering with the sound quality you would expect from home theater.



## Specifications

**Brightness:**  
1000 ANSI Lumens

**Resolution:**  
1024 x 768 XGA

**HDTV:**  
480i/p, 720p, 1080i

**Contrast Ratio:**  
2000:1 (Full On / Full Off)

**Lamp:**  
250W UHP lamp  
2,000 hours

**Display Type:**  
0.7" Double Data Rate Digital Light Processor

**Color Palette:**  
16.7M colors

**Throw Ratio**  
2.0 - 2.4

**Image Size:**  
23.4" - 246" diagonal

**Projection Distance:**  
3.7' to 32.8'

**Compatibility:**  
XGA, SVGA, VGA, VESA, Mac,  
SXGA compression  
Full NTSC/PAL/SECAM

**Horizontal Scan Rate:**  
15 ~ 100 kHz

**Vertical Refresh Rate:**  
43 ~ 120 Hz

**User Controls:**  
Complete on-screen menu  
Adjustments

**I/O:**  
DVI, RGB HD15, Mini Din S-Video,  
RCA Composite, RS-232, 12V Screen  
Trigger

**Power Consumption:**  
320 watts (max.)

**Power Supply:**  
AC Input 90 ~ 260V, Auto-Switching  
Power Supply

**Projection Lens:**  
F/2.44 ~ 2.69, f = 28.8 ~  
34.5mm  
1:1.2 manual zoom and focus

**Temperature:**  
Operating Temp:  
10° ~ 40°C / 50° ~ 104°F  
Humidity 80% maximum  
Storage Temp:  
-20° ~ 60°C / -4° ~ 140°F  
Humidity 80% maximum

**Weight:**  
6.4 pounds (2.9 kg)

**Dimensions (W x H x D):**  
10.9 x 3.3 x 8.9 inches  
(277 x 85 x 225 mm)

**Limited Warranty:**  
Three year, limited parts and  
labor

**Optional Accessories:**  
Extended Warranty  
Gold Service  
Ceiling Mount Kit